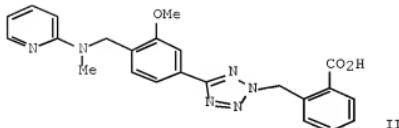
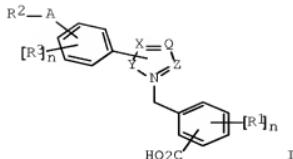


TITLE: Preparation of heterocyclimethyl substituted benzoic acids for the treatment of diabetes mellitus
 INVENTOR(S): Hargreaves, Rodney Brian; Whittamore, Paul Robert Owen
 PATENT ASSIGNEE(S): AstraZeneca AB, Swed.; AstraZeneca AB
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 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
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| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| WO 2001012612 | A1 | 20010222 | WO 2000-GB3126 | 20000814 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2381090 | A1 | 20010222 | CA 2000-2381090 | 20000814 <-- |
| BR 2000013374 | A | 20020507 | BR 2000-13374 | 20000814 <-- |
| EP 1210339 | A1 | 20020605 | EP 2000-953309 | 20000814 |
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| JP 2003507372 | T | 20030225 | JP 2001-517510 | 20000814 |
| AU 766790 | B2 | 20031023 | AU 2000-65823 | 20000814 |
| NZ 517060 | A | 20031128 | NZ 2000-517060 | 20000814 |
| ZA 2002000670 | A | 20030424 | ZA 2002-670 | 20020124 |
| US 6787556 | B1 | 20040907 | US 2002-48392 | 20020129 |
| MX 2002PA01597 | A | 20020702 | MX 2002-PA1597 | 20020214 |
| NO 2002000764 | A | 20020417 | NO 2002-764 | 20020215 <-- |
| PRIORITY APPLN. INFO.: | | | GB 1999-19413 | A 19990818 |
| | | | WO 2000-GB3126 | W 20000814 |

OTHER SOURCE(S): MARPAT 134:178561
 GI



AB The title compds. [I; Q, X, Y, Z = CRa, CRb:CRc, N (wherein Ra, Rb, Rc = H, halo, a bond, such that together with the nitrogen atom to which Y and Z are attached, they form a 5-6 membered aromatic ring); R1, R3 = alkyl, halo, haloalkyl, etc.; n = 0-2; A = alkylene, alkynylene, alkynylene optionally interposed by a heteroatom; R2 = (un)substituted aryl, heterocyclyl, cycloalkyl] which act as peroxisome proliferator activated receptor (PPAR) agonists, in particular states of insulin resistance including type 2 gamma receptors (PPAR) (data given), and so are useful therapeutically in the treatment of diabetes mellitus, were prepared E.g., a multi-step synthesis of the benzoic acid II was given.

IT 326912-92-9P 326912-93-OP 326912-94-1P

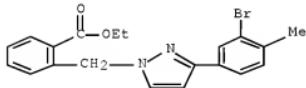
326912-98-5P 326912-99-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of heterocyclylmethyl substituted benzoic acids for the treatment of diabetes mellitus)

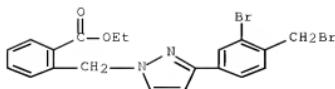
RN 326912-92-9 ZCPLUS

CN Benzoic acid, 2-[(3-(3-bromo-4-methylphenyl)-1H-pyrazol-1-yl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)

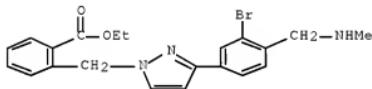


RN 326912-93-0 ZCPLUS

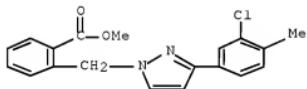
CN Benzoic acid, 2-[(3-[3-bromo-4-(bromomethyl)phenyl]-1H-pyrazol-1-yl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 326912-94-1 ZCPLUS
CN Benzoic acid, 2-[(3-[3-bromo-4-((methylamino)methyl)phenyl]-1H-pyrazol-1-yl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 326912-98-5 ZCPLUS
CN Benzoic acid, 2-[(3-[3-(3-chloro-4-methylphenyl)-1H-pyrazol-1-yl)methyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 326912-99-6 ZCPLUS
CN Benzoic acid, 2-[(3-[4-(bromomethyl)-3-chlorophenyl]-1H-pyrazol-1-yl)methyl]-, methyl ester (9CI) (CA INDEX NAME)

